

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1067-19	
Manufacturer	Shenzhen Kaifa Technology (Chengdu) Co., Ltd.	
Contact person	Ms. Sona Qin	
Address	No.1218 Hezuo Rd., Hi-Tech Development Zone (West)	
Postal code, City	Chengdu	
Country	China	
Production site	Shenzhen Kaifa Technology (Chengdu) Co., Ltd.	
Address	No.1218 Hezuo Rd., Hi-Tech Development Zone (West)	
Postal code, City	Chengdu	
Country	China	
Instrument	Electronic three-phase four-wire energy meter. Direct connected	
Connection	Three-phase four-wire	Single-phase two-wire (phase R)
Mark - Type Register	MA309MH4LAT1 and MA309MH4LAT2 LCD	
Accuracy Class	Active: 1/B - 4000 imp./kWh, 1000 imp./kWh and 500 imp./kWh Reactive: 2 - 4000 imp./kvarh, 1000 imp./kvarh and 500 imp./kvarh	
Measurement range	230/400 V 0,25..5(60) A and 0,25..5(100) A 50 Hz	230 V
Temperature range	-40 .. 70 °C	
Use	Indoor, not sensitive to phase sequence	
Protection Class	II	
Environmental class	M1, E1 and E2	
Registry method	Programmable, the meters are delivered as: Option 1: Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers Option 2: Algebraic sum method with reversal preventing device (semi-Ferraris with reversal preventing device)	
The energy meters meet the requirements of Directive 2014/32/EU, on the harmonisation of the laws of Member States relating to the making available on the market of measuring instruments (recast). Certification was based on compliance with the following harmonised standards:		
EN 50470-1:2006	Electricity metering equipment (a.c.)-part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)	
EN 50470-3:2006	Electricity metering equipment (a.c.)-part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)	
Valid until	18 May 2030	

Based on a non-recurrent examination.

Version 5 of this certificate. The results are recorded in the following annex: test report 1197-20 V1.

KEMA B.V.



Bas Verhoeven
Director, High-Voltage
Laboratory



Arnhem, 18 May 2020

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